

What Is Claimed Is:

1. A dispenser for fabricating a liquid crystal display panel, comprising:

a syringe having a nozzle at one end and separated from a substrate;

a vertical driving motor driving the syringe in a vertical direction;

a contact type switch switching on/off the vertical driving motor depending on whether the nozzle and the substrate are in contact with each other; and

a first sensor detecting an initial value between the nozzle and the substrate by switching on and off the contact type switch.

2. The dispenser of claim 1, wherein the first sensor comprises a laser displacement sensor.

3. The dispenser of claim 1, wherein a sealant is stored in the syringe.

4. The dispenser of claim 1, wherein a liquid crystal is stored in the syringe.

5. The dispenser of claim 1, wherein a liquid silver is stored in the syringe.

6. The dispenser of claim 1, wherein the vertical driving motor drives the syringe according to driving data inputted from a user through an input unit.

7. The dispenser of claim 6, wherein the input unit comprises one of a touch panel and a keyboard.

8. The dispenser of claim 1, further comprising a body supporting the syringe.

9. The dispenser of claim 1, further comprising a table on which the substrate is loaded.

10. The dispenser of claim 9, wherein the table is capable of horizontally moving in forward/backward and left/right directions.

11. A method for controlling a gap between a nozzle and a substrate by using a dispenser for fabricating a liquid crystal display panel, comprising:

lowering a body supporting a syringe having a nozzle at one end until the nozzle contacts a substrate;

determining an initial value between the nozzle and the substrate by turning on or tuning off a contact type switch by lifting up the body when the nozzle contacts the substrate;

lifting up the body, so that the nozzle is isolated from the substrate; and

lowering the body, so that the nozzle reaches a desirable height from the initial value.

12. The method of claim 11, wherein the initial value is a distance between the nozzle and the substrate when the nozzle is in contact with the substrate.

13. The method of claim 11, wherein the desirable height is about 40 μm (micrometer).

14. The method of claim 11, wherein the first sensor comprises a laser displacement sensor.

15. The method of claim 11, wherein a sealant is stored in the syringe.

16. The method of claim 11, wherein a liquid crystal is stored in the syringe.

17. The method of claim 11, wherein a liquid silver is stored in the syringe.